

ABSTRACT OF THE INVENTION

An actuating structure for a rotation apparatus such as a fan. The actuating structure has a spindle passing through a coil. The coil is installed in the fan to generate a magnetic field between the coil and a permanent magnet disposed within the fan, so as to cause rotation of the fan. No bearing is required or installed between the spindle and the coil, while two ends of the spindle are rotatably fixed within the actuating structure. Therefore, the area for installing the coil is increased, and the area for the silicon steel of the coil is enlarged. Therefore, the magnetic field generated thereby is increased to increase the rotation torque of the fan. The rotation of the fan is thus optimized.